

## ABSTRACT

The present invention provides nucleic acid primers for amplifying DNA sequences of normal and mutant cystic fibrosis (CF) genes. These primers enable the construction of assays that use the amplified CF genes to detect of the presence of normal or mutant CF sequence, thereby enabling the detection of the genotype of cystic fibrosis in a biological sample. Various pairs of primers suitable for amplifying different CFTR gene segments are provided which are suitable for use in a multiplex amplification format.